

	<p>Name: Dr. Dipti Balmukund Shah Designation: Professor Post Graduate Department of Computer Science and Technology, Sardar Patel University, Vallabh Vidyanagar 388 120, Gujarat, India. Qualifications: MCA, Ph.D. (Computer Science) Contact: +91 9428647899, 91-2692-230389, 236829) E-mail: dm_shah@spuvvn.edu , dbshah66@yahoo.com Courses teaching: Computer Graphics, Business Applications, Database Management, PC Software, Statistical & Optimization Techniques, Data Science, Data mining & Data warehousing... Expertise: Computer Graphics, Image Processing, Decision Support Systems, Multimedia and Medical Informatics, data science</p>
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Detailed Profile

Dr. Dipti Balmukund Shah

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Summary of Scholastic and Research Activities:

- Working as a faculty member in the Post Graduate Department of Computer Science & Technology since 1989 and currently serving as a Professor in the Department
- Member of the Executive council at Sardar Patel University
- Member of the Academic council at V. P. Science College
- Working in several committees at university level at Sardar Patel University
- Member of the Student Grievance Redressal Cell at Sardar Patel University
- 153 research publications including 2 books, 1 book chapter, 119 in international journals & National Journals, 32 in International / national/regional level conferences and seminars
- Presently guiding 5 Ph. D. (Computer Science) scholars
- Guided 15 Ph. D. (Computer Science) and 1 Ph. D. (Bioinformatics) students and 3 M. Phil (Computer Science) Students
- Awarded Hari Ohm Ashram prize for best research paper in Computer Science and Computer Engineering (2008-09)
- Received Sardar Patel Research Award under Basic & Computer science subjects under Teachers' category (January 2018)

- Member in editorial board / review committee in many international journals
- Served as program committee member for international conference & various National level conferences
- Worked as a Chairman / Vice-Chairman / Secretary of Computer society of India, Vallabh Vidyanagar chapter

Five Keywords Reflecting Areas of Scholastic/Research Activities:

Computer Graphics, Image Processing, Data mining & Data warehousing, Artificial Intelligence, Medical Informatics

Recent Publications : Book / Book Chapter / Journal Papers:

- With Birajkumar Patel: “Meta-Search Engine Optimization-A computer application to retrieve web based information”, ISBN : 978-3-659-12893-6, Lambert Academic Publishing (2013)
- With Hardik B. Pandit: “Image Processing and Analysis for Medical palmistry”, ISBN: 978-3-659-12268-2, Lambert Academic Publishing. (2014)
- With Krishna Kant: “Innovations and Insights of Sequence-Based Emotion Detection in Human Face Through Deep Learning” , a chapter in a book Emerging Trends in Expert Applications and Security, June 2023,
- With Jinal Tailor, “Development of Algorithm to Detect End of Utterance in Continuous Speech for Gujarati Language” in International Archive of Applied Sciences and Technology, Vol 9(2), June 2018, ONLINE ISSN 2277- 1565, PRINT ISSN 0976 – 4828
- With Hiral Patel, “Semi-Fragile Blind Watermarking Mechanism for color image Authentication and Tampering”, in the ICTACT JOURNAL ON IMAGE AND VIDEO PROCESSING, ISSN Number (Print) 0976-9099 ISSN Number (Online) 0976-9102, February 2021
- With Nidhi Desai: “Analysis on Human Behavior Traits Using Intelligence Palmistry”, in the International Journal of Computer Science and Engineering, ISSN 2347-2693 (Online), September 2021, Volume 8 Issue 9

Recent Projects in Last Five Years:

- Research project entitled “Designing Model for Product based Search Engine” under SEED GRANT (Rs. 1,00,000.00) sanctioned by Sardar Patel University, Vallabh Vidyanagar with Dr. Biraj V Patel
- Research project entitled “ Design and Implementation of the Model of Decision Support System for Selection of Research Topic ” under SEED GRANT (Rs. 1,00,000.00) sanctioned by Sardar Patel University, Vallabh Vidyanagar, with Dr. Hardik B. Pandit